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Application Serial Number	10/022,689
Filing Date	December 17, 2001
First Named Inventor	Fitzgerald
Group Art Unit	2813
Examiner Name	Schillinger, Laura M.
Attorney Docket No.	ASC-023DVC2
Patent No.	Not applicable
Issue Date	Not applicable

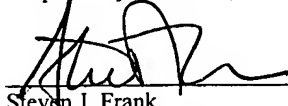
## ENCLOSURES (check all that apply)

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Check Attached<br><input type="checkbox"/> Copy of Fee Transmittal Form<br><input checked="" type="checkbox"/> Amendment/Response<br><input type="checkbox"/> Preliminary<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Letter to Official Draftsperson including Drawings [Total Sheets ____]<br><input type="checkbox"/> Petition for Extension of Time<br><input type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Form PTO-1449<br><input type="checkbox"/> Copies of IDS Citations<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Sequence Listing submission<br><input type="checkbox"/> Paper Copy/CD<br><input type="checkbox"/> Computer Readable Copy<br><input type="checkbox"/> Statement verifying identity of above | <input type="checkbox"/> Copy of Notice to File Missing Parts of Application<br><input type="checkbox"/> Formal Drawing(s)<br><input type="checkbox"/> Request For Continued Examination (RCE) Transmittal<br><input type="checkbox"/> Power of Attorney (Revocation of Prior Powers)<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Executed Declaration and Power of Attorney for Utility or Design Patent Application<br><input type="checkbox"/> Small Entity Statement<br><input type="checkbox"/> CD(s) for large table or computer program<br><input type="checkbox"/> Amendment After Allowance<br><input type="checkbox"/> Request for Certificate of Correction<br><input type="checkbox"/> Certificate of Correction (in duplicate) | <input type="checkbox"/> Notice of Appeal to Board of Patent Appeals and Interferences<br><input type="checkbox"/> Appeal Brief (in triplicate)<br><input type="checkbox"/> Status Inquiry<br><input checked="" type="checkbox"/> Return Receipt Postcard<br><input type="checkbox"/> Certificate of First Class Mailing under 37 C.F.R. 1.8<br><input type="checkbox"/> Certificate of Facsimile Transmission under 37 C.F.R. 1.8<br><input type="checkbox"/> Additional Enclosure(s) (please identify below) |
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PATENT  
Attorney Docket No. ASC-023DVC2

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT(S): Eugene A. Fitzgerald  
CONFIRMATION NO.: 5381  
SERIAL NO.: 10/022,689  
GROUP NO.: 2813  
FILING DATE: December 17, 2001  
EXAMINER: Laura M. Schillinger  
TITLE: CONTROLLING THREADING DISLOCATION DENSITIES IN  
Ge ON Si USING GRADED GeSi LAYERS AND  
PLANARIZATION

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND RESPONSE**

Sir:

In response to the non-final Office action mailed from the U.S. Patent and Trademark Office on March 9, 2005, we respectfully submit the following Amendment and Response. We believe that no extension-of-time or other fee is due for this Amendment and Response to be entered and considered. However, please consider this a conditional petition for the proper extension, if one is required, and a conditional authorization to charge any related extension fees or other fees necessary for entry of this paper to Deposit Account No. 07-1700.

**Amendments to the Claims** begin on page 2 of this paper.

**Applicants' Remarks** begin on page 4 of this paper.